AMENDMENTS

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A display system for image overlapping, comprising:

a detection module to receive a first image, and detect synchronous signals therein;

a transmission interface coupled to the detection module to receive a second image having position display information;

a control module coupled to the detection module and the transmission interface to receive the synchronous signals and the second image, generate a switch control instruction, and transmit the switch control instruction for outputting the second image when the position display information of the second image conforms to a display status of the first image according to the synchronous signals of the first image; and

a switch output device coupled to the control module to receive the first image and the second image, and select both the first image and the second image from the control module for outputting the first and second images according to the switch control instruction such that the second image overlaps the first image[[.]];

wherein the detection module further determines resolution information of the first image according to the synchronous signals, and transmits the resolution information via the transmission interface.

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2.   (Cancelled)

3.   (Currently amended) The display system of claim [[2]] _, wherein the transmission interface receives the second image conforming to the resolution information.

4.   (Original) The display system of claim 1 further comprising a conversion module coupled to the transmission interface to convert the second image to have an image format conforming to that of the display system.

5.   (Original) The display system of claim 4, wherein the image format is a bitmap format.

6.   (Original) The display system of claim 1, wherein the synchronous signals of the first image comprises horizontal synchronous, vertical synchronous and clock signals.

7.   (Original) The display system of claim 1, wherein the position display information comprises at least a coordinate and a pixel resolution size of the second image.

8.   (Currently Amended) A display system for image overlapping, comprising:
a remote host to transmit a second image having position display information;

a detection module to receive a first image, and detect synchronous signals thereon;

a transmission interface coupled to the detection module and the remote host to receive the second image;

a control module coupled to the detection module and the transmission interface to receive both the synchronous signals and the second image, generate a switch control instruction, and transmit the switch control instruction for outputting the second image when the position display information of the second image conforms to a display status of the first image according to the synchronous signals of the first image; and

a switch output device coupled to the control module to receive the first image and the second image, and select both the first image and the second image from the control module for outputting the first and second image according to the switch control instruction such that the second image overlaps the first image[[.]];

wherein the detection module further determines resolution information of the first image according to the synchronous signals, and transmits the resolution information to the remote host via the transmission interface.

9. (Cancelled)

10. (Currently amended) The display system of claim [[9]] 8, wherein the remote host transmits the second image conforming to the resolution information to the transmission interface.

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11. (Original) The display system of claim 10, wherein the remote host further converts the second image into one having an image format of the first image.

12. (Original) The display system of claim 8, wherein the synchronous signals of the first image comprises horizontal synchronous, vertical synchronous and clock signals.

13. (Currently Amended) A display method for image overlapping, comprising the steps of:

receiving a first image to detect synchronous signals thereon by a detection module;

determining resolution information of the first image according to the synchronous signals;

transmitting the resolution information via a transmission interface;

either receiving or transmitting a second image having position display information by the transmission interface;

synchronously receiving the second image from the transmission interface and generating a switch control instruction by a control module;

transmitting the switch control instruction to output the second image by the control module when the position display information of the second image conforms to a display status of the first image according to the synchronous signals of the first image; and

receiving the first image and the second image from the control module, and detecting to output the first image or the second image by a switch output device according to the switch control instruction.

14. (Cancelled)

15. (Currently Amended) The display method of claim [[14]] 13 further comprising a step of receiving the second image conforming to the resolution information using the transmission interface.

16. (Original) The display method of claim 13 further comprising a step of converting the second image into one having an image format.

17. (Original) The display method of claim 16, wherein the image format is a bitmap format.

18. (Original) The display method of claim 13 wherein the synchronous signals of the first image comprises horizontal synchronous, vertical synchronous and clock signals.

19. (Original) The display method of claim 13, wherein the second image from the control module completely overlaps the first image.

20. (Original) The display method of claim 13, wherein the position display information comprises at least a coordinate and a pixel resolution of the second image.